

Amendments to the Specification

Please replace the paragraph at page 7, lines 11-13 with the following:

~~Figure 3 is a~~ Figures 3-1 to 3-2 show flow cytometry ~~plot plots~~ of antibody staining for IgM allotypes in mouse strains, as described in Example II, infra.

Please replace the paragraph at page 9, lines 1-14 with the following:

~~Figure 14 A, B, C demonstrates~~ Figures 14A through 14F demonstrate the stable retention of YHPRT during in vitro ES cell differentiation and transmission through the mouse germline, as described in Example VI, infra (~~A: a, b~~ Figures 14A-14B = embryoid bodies; and differentiated cell types: ~~e~~ Figure 14C = blood islands; ~~d~~ Figure 14D = contracting muscle; ~~e~~ Figure 14E = neuronal cells; ~~f~~ Figure 14F = neural tubules formed by ESY clones; ~~B~~ Figures 14G-14I: Southern blot analysis of DNA extracted from differentiated ESY 5-2, 3-6, 8-5 and 8-6 (20 µg) and YHPRT in AB1380 (40 ng) using ~~a=~~ human Alu probe (Figure 14G); ~~b=~~ yeast Ty sequences (Figure 14H and 14I); ~~C~~ Figure 14J-14K: Southern blot analysis of tail DNA (20 µg) from 2 agouti offspring (4-2 and 4-3) derived from ESY chimeric male 394/95-2 using ~~a=~~ human Alu (Figure 14J) and ~~b=~~ Ty sequences (Figure 14K); shorter exposures (12 hr) of 8-6 and yHPRT probed with Ty are shown (II).